LPR 230-04-00.0 Issue Date February 19, 1997

Performance Requirement: Facility Assets

Title: Conduct of Maintenance Mandatory Document

Standard Statement:

Maintenance is conducted in an effective and efficient manner. All systems, structures, and components (SSCs) affected by maintenance activities are protected from adverse environmental conditions.

Performance Criteria:

- 1. Personnel act professionally in performing assigned tasks.
- 2. Personnel seek appropriate guidance for unexpected conditions before proceeding.
- 3. Maintenance personnel provide feedback to management on the material condition of equipment and systems.
- 4. Operations, management, facilities, and ESH support the maintenance effort.
- 5. Workers understand requirements before performing work.
- 6. Work activities are performed in accordance with procedures, instructions, and drawings. Maintenance personnel identify procedures, instructions, and drawing deficiencies.
- 7. Good maintenance practices such as those listed below are followed.
 - 7.1 Work practices are technically sound.
 - 7.2 Proper tools, equipment, and consumable supplies are available and used to support work requirements.
 - 7.3 Good safety practices are followed.
 - 7.4 Collateral damage is prevented.
 - 7.5 Work sites are clean and orderly.
 - 7.6 Deficiencies identified during maintenance are reported to appropriate supervision.
 - 7.7 Pre- and post-job briefings are effectively used.
 - 7.8 Actions are taken to minimize rework.
- 8. Post-maintenance testing is performed, results are reviewed, and corrective actions are taken as necessary before returning the system to service.
- 9. Impact to the environment is minimized.
- 10. Maintenance is performed in accordance with applicable laws, codes, and regulations.

Contractual Work Smart Standards:

10 CFR 830.120, Quality Assurance for Nuclear Facilities

DOE O 425.1, Startup and Restart of Nuclear Facilities, Change 1: 10-26-95 with the exception of the DOE O 5480.19 citation

DOE O 5480.20A, Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities, 11-15-94

DOE O 5480.21, Unreviewed Safety Questions, 12-24-91

DOE O 5480.22, Technical Safety Requirements, Change 2: 1-23-96

DOE O 5480.23, Nuclear Safety Analysis Reports, Effective Date: 4-30-92

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DOE O 6430.1A, General Design Criteria, Division 13

DOE-STD-3013-94, Criteria for Safe Storage of Plutonium Metals and Oxides, 12-94